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L2	44	gidwani-j\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/02 08:37



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[Rocket fuel to earth orbits from near-earth asteroids and comets - group of 3 »](#)

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A **Zuppero** - Engineering, construction, and operations in space, 1992 - adsabs.harvard.edu

Title: Rocket fuel to earth orbits from near-earth asteroids and comets Authors:

**Zuppero, Anthony** Affiliation: AA(Idaho National Engineering Lab., Idaho Falls ...

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[Origin of how steam rockets can reduce space transport cost by orders of magnitude - group of 5 »](#)

A **Zuppero**, TK Larson, BG Schnitzler, JE Werner, JW ... - AIP Conference Proceedings, 1999 - link.aip.org

A brief sketch shows the origin of why and how thermal rocket propulsion has the unique potential to dramatically reduce the cost of space transportation ...

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[EXOFUEL- Martian propellants for the human exploration initiative\(Abstract only\)](#)

BM Cordell, CR Cassell, SL Wagner, A **Zuppero** - The Case for Mars IV: The international exploration of Mars- ..., 1997 - csa.com

Bruce M Cordell, Christopher R Cassell, Sam L Wagner, **Anthony Zuppero** The Case for Mars IV: The international exploration of Mars- Considerations for sending ...

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X Ji, A **Zuppero**, JM Gidwani, GA Somorjai - Journal of the American Chemical Society, 2005 - pubs.acs.org

We report steady-state conversion of chemical reaction energy into hot electrons by ballistic injection into a platinum-gallium nitride (Pt/GaN) nanodiode ...

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[Lunar south pole ice as heat sink for lunar cryofuel production system - group of 4 »](#)

A **Zuppero**, M Stanley, SM Modro, P Whitman - AIP Conference Proceedings, 1995 - link.aip.org

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[Optimum rocket propulsion for energy-limited transfer\[Abstract Only\] - group of 2 »](#)

A **Zuppero**, GA Landis - In Arizona Univ, Resources of Near-Earth Space: Abstracts p ..., 1991 - csa.com

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[Mass budget for mining the moons of Mars\(Abstract Only\)](#)

A **ZUPPERO**, G LANDIS - Arizona Univ, Resources of Near-Earth Space: Abstracts p 24( ..., 1991 - csa.com ... Only). **ANTHONY ZUPPERO**, GEOFFREYA LANDIS Arizona Univ, Resources of

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X Ji, A **Zuppero**, JM Gidwani, GA Somorjai - Nano Lett, 2005 - pubs.acs.org  
Forty microampere current was generated on a platinum-titanium dioxide Schottky diode during the platinum catalyzed steady-state oxidation of carbon ...  
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Moessbauer Effect of Ultra Thin Iron Films.

AC **Zuppero** Jr - 1970 - adsabs.harvard.edu  
Title: Moessbauer Effect of Ultra Thin Iron Films. Authors: **Zuppero, Anthony** Charles, Jr. Affiliation: CASE WESTERN RESERVE UNIVERSITY. ...  
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NUCLEAR-HEATED STEAM ROCKET USING LUNARIC E - group of 2 »

AC **Zuppero**, BG Schnitzler, TK Larson - AIAA/ASME/SAE/ASEE Joint Propulsion Conference & Exhibit, 33 ..., 1997 - pdf.aiaa.org  
A first-order derivation and estimates of the power-per-mass and specific impulse yield requirements for a nuclear-heated steam rocket (NSR) to deliver ...  
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### Commercial asteroid resource development and utilization

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TC Taylor, AC **Zuppero**, A Germano, W Grandl - IAF, International Astronautical Congress, 46 th, Oslo, ..., 1995 - csa.com

Thomas C Taylor, **Anthony C Zuppero**, Antonio Germano, Werner Grandl IAF, International Astronautical Congress, 46 th, Oslo, Norway, 1995. ...

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### Mission needs and system commonality for space nuclear power and propulsion - group of 3 »

D BUDEN, A **ZUPPERO**, L REDD - Conference: 28. intersociety energy conversion engineering ..., 1993 - osti.gov

Nuclear power enables or significantly enhances a variety of space missions whether near-Earth, or for solar system exploration, lunar-Mars exploration ...

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### Mass budget for mining the moons of Mars

A **Zuppero**, GA Landis - In Arizona Univ., Resources of Near-Earth Space: Abstracts p ..., 1991 - adsabs.harvard.edu

Title: Mass budget for mining the moons of Mars Authors: **Zuppero, Anthony**; Landis, Geoffrey A. Affiliation: AA(Sverdrup Technology, Inc., Brook Park, OH.), AB ...

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D Buden, A **Zuppero** - IECEC-93: Proceedings of the 28 th Intersociety Energy ..., 1993 - csa.com

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### Small satellite missions to deep space enabled by solar thermal rockets

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### Manned Mars missions using propellant from space - group of 3 »

AC **Zuppero**, TS Olson, LR Redd - AIP Conference Proceedings, 1993 - link.aip.org

A recent discovery (8/14/92) of a near-earth object containing materials potentially useful for space activities could perhaps change the entire way ...

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### Exploration of fuel objects in space very near Earth(using small satellite survey)

AC **Zuppero**, MG Jacox - Annual AIAA/Utah State University Conference on Small ..., 1992 - csa.com

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### Civil Engineering Database - group of 2 »

C Change - Journal of Management in Engineering, 1991 - pubs.asce.org

ARIANE-5 Launch Operations Construction and Operation of a New Launch Complex

for Lower Cost, Higher Reliability Missions (by Juan de Dalmau) Adaptive ...  
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BLRA Overview - pubs.asce.org

Advanced Construction Management for Lunar Base Construction—Surface Operation  
 Planner (by Robert P. Kehoe) Advances in Ground Operations for the Next ...

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[What to do about bolts from the blue](#) - group of 3 »

SJ Marcus - Spectrum, IEEE, 1998 - ieeexplore.ieee.org

Page 1 Page 2 - I • 7" 0018-9235/95/\$1000©1998 IEEE 35 IT WOULDN'T COST  
 MUCH TO FIND OUT IF AN ASTEROID OR A COMET IS ON A COLLISION COURSE WITH ...

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Dreamers, science fiction writers, and even space scientists have speculated for decades about the potential benefits of asteroid mining, but for various ...

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 ... Gallium Nitride Nanodiode. Xiaozhong Ji, Anthony Zuppero, **Jawahar M. **Gidwani****,  
 and Gabor A. Somorjai\*. Department of Chemistry, University ...  
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 and Gabor A. Somorjai\*. Department of Chemistry, University ...  
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A Bhandari, M Ibrahim, JS Sandhu - groups.haas.berkeley.edu  
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 Bhandari, Mahad Ibrahim, Jaspal S. Sandhu School of Public ...  
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CK Bhandar - gandhiserve.org  
 ... like **Jawahar** that he should give up smoking, a fine preparation to face Hailey 2 .  
 I do not know that Hailey will lay his hands upon **Jawahar** quite so ... **GIDWANI** ...  
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### [1. LETTER TO VASUMATI PANDIT](#)

C Vasumati, C Radha - gandhiserve.org  
 Page 1. VOL. 29 : 16 AUGUST, 1924 - 26 DECEMBER, 1924 1 1. LETTER TO VASUMATI PANDIT  
 O N T H E T R A I N T O D E L H I , Sravana Vad 2 [August 16, 1924] CHI. ...  
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 ... [6] who argued for the importance of the Schottky **diode** model of ... Page 3. References  
 [1] XZ Ji, A. Zuppero, JM **Gidwani** and GA Somorjai, Nano Lett. In print. ...  
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A novel trench-isolated buried N FAMOS Transistor suitable for high-density EPROM's

AL Esquivel, AT Mitchell, JL Paterson, M Douglas, ... - Electron Device Letters, IEEE, 1987 - ieeexplore.ieee.org  
 ... spacing. This result points to **diode** breakdown to the substrate? ... Dolby. Encouragement  
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The Fentanyl HCl Patient-Controlled Transdermal System (PCTS) - group of 2 »

R Sinatra - Clin Pharmacokinet, 2005 - ingentaconnect.com  
 ... Red light (light-emitting **diode**) ... Sathyan G, Zomorodi K, **Gidwani** S, Gupta S. The effect  
 of dos- ing frequency on the pharmacokinetics of a fentanyl HCl patient ...  
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Postoperative pain management with a patient-controlled transdermal delivery system for fentanyl - group of 2 »

PJS Koo - American Journal of Health-System Pharmacy - ajhp.org  
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An Iontophoretic Fentanyl Patient-Activated Analgesic Delivery System for Postoperative Pain: A ... - group of 2 »

ER Viscusi, L Reynolds, S Tait, T Melson, LE ... - Anesthesia & Analgesia, 2006 - anesthesia-analgesia.org  
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**2nd MICROTHERM WORKSHOP AND TUTORIAL ALBUQUERQUE CONVENTION CENTER**

D Cahill - Microscale Thermophysical Engineering, 1998 - Taylor &amp; Francis

... Ohadi, I. Ivakhnemco, and A. **Gidwani**, University of Maryland 2:00 ] 2:15 pm ``Micropump

Based on the Temperature Dependence of Liquid Viscosity," S ...

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A Larbi, N Douziech, G Dupuis, A Khalil, H ... - Journal of Leukocyte Biology, 2004 - jleukbio.org

... The chromatographic system consisted of a Shimadzu pump and a photo-**diode** arraydetector ... 83,923-931 [Abstract/Free Full Text]; **Gidwani**, A., Holowka, D., Baird, B ...Cited by 8 - [Web Search](#) - [BL Direct](#)**Age-associated alterations in the recruitment of signal-transduction proteins to lipid rafts in ...**

C Quebec - Journal of Leukocyte Biology, 2004 - jleukbio.org

... The chromatographic system consisted of a Shimadzu pump and a photo-**diode** array

detector (Shimadzu Scientific Instruments, Guelph, ON). ...

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... Nanodiode: Gas Phase Catalytic Reaction Generated Electron Flow Using Nanoscale Platinum Titanium Oxide Schottky **Diodes**. Xiaozhong Ji, Anthony **Zuppero**, Jawahar ...

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